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CLAIM AMENDMENTS

1. (Previously Presented) An optical probe with a self-cleaning sampling window, comprising:
a probe body having a window with a surface oriented toward a sample under investigation;
a sampling beam of light carrying wavelengths representative of the sample into the probe body
through the window for analysis;

a conduit carrying a fluid to the surface of the window oriented toward the sample;
a structure operative to flood the window with the fluid, the structure including an aperture
through which the sampling wavelengths pass; and
wherein at least a portion of the fluid passes through the aperture to ensure that the sample under
investigation does not reach the window.

2. (Previously Presented) The optical probe of claim 1, wherein the wavelengths are
representative of Raman or fluorescence spectra.

3. (Canceled)

4. (Original) The optical probe of claim 1, wherein the fluid is a solvent.

5. (Original) The optical probe of claim 1, wherein the fluid is a liquid.

6. (Original) The optical probe of claim 1, wherein the fluid is a gas.

7. (Original) The optical probe of claim 1, wherein the fluid enters into the sample under
investigation after flooding the window.

8. (Currently Amended) An optical probe with a self-cleaning sampling window, comprising:
a probe body having a window with a surface oriented toward a sample under investigation;
a sampling beam carrying Raman or fluorescence wavelengths representative of the sample into

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the probe body through the window for analysis;

a conduit carrying a fluid to the surface of the window oriented toward the sample; [[and]]

a structure operative to flood the window with the fluid, the structure further including an aperture through which the sampling wavelengths pass; and

wherein at least a portion of the fluid passes through the aperture to ensure that the sample under investigation does not reach the window.

9. (Canceled)

10. (Previously Presented) The optical probe of claim 8, wherein the fluid is a solvent.

11. (Previously Presented) The optical probe of claim 8, wherein the fluid is a liquid.

12. (Previously Presented) The optical probe of claim 8, wherein the fluid is a gas.

13. (Previously Presented) The optical probe of claim 8, wherein the fluid enters into the sample under investigation after flooding the window.

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